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ANDRIYUSHCHEMCO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.;
 BELINICHER, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.;
 YES'KOV, K.A.; ZGIRSKIY, Ch.I.; IGNAT'YEV, M.I.; KORUSHKIN, Ye.N.;
 KUZ'MOV, N.T.; PATSEKOVICH, I.R.; PICHAK, F.I.; RAYTSES, V.B.;
 RUDAKOV, A.S.; SAPRYKIN, V.M.; SIDOROV, F.F.; UMINSKIY, Ye.A.;
 KHANZHIN, P.K.; CHUREMOVSKIY, Yu.I.; YERAKHTIN, D.D., kand.tekhn.nauk;
 retsenzent; MAKAROV, M.P., inzh., retsenzent; TORBEYEV, Z.S., kand.
 tekhn.nauk, retsenzent; POLKANOV, I.P., kand.tekhn.nauk, retsenzent;
 IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M., inzhener, retsenzent;
 SARAFANNIKOVA, G.A., tekhn.red.; YERMAKOV, N.P., tekhn.red.

[Manual for agricultural mechanizers] Spravochnik mekhanizatora
 sel'skogo khoziaistva. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
 lit-ry. Pt.1. [Tractors and automobiles, agricultural machinery and
 implements, and operation of machine and tractor yards] Traktory i
 avtomobili, sel'skokhoziaistvennye mashiny i orudiia, ekspluatatsiia
 mashinno-traktornogo parka. Pod. red.N.M.Bushueva. 1957. 462 p.
 (MIRA 10:12)

(Machine-tractor stations)

ZGIRSKIY, Oh: I.

the repair of tractor parts. Sverdlovsk, Gos. nauchno-tekhn. izd-vo mashinestroit.
lit-ry Uralo-Sibirskoe otd-nie. 1954. 122 p. (Biblioteka mekhanizatora sel'skogo
khoziaistva) (55-41178)

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ANDREYUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.;
 BELINICHER, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.;
 YES'KOV, K.A.; ZGIRSKIY, Ch.I.; IGANT'YEV, M.I.; KORUSHKIN, Ye.N.;
 KUZ'MOV, N.T.; PATSKEVICH, I.R.; PICHAK, F.I.; PAYTSES, V.B.;
 RUDAKOV, A.S.; SAPRYKIN, V.M.; SIDOROV, F.F.; UMINSKIY, Ye.A.;
 KHANZHIN, P.K.; OBEREMOVSKIY, Yu.I.; YERAKHTIN, D.D., kand. tekhn.
 nauk, retsenzent; MAKAROV, M.P., inzh., retsenzent; TORBEYEV, Z.S.,
 kand. tekhn. nauk, retsenzent; POLKANOV, I.P., kand. tekhn. nauk,
 retsenzent; IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M.,
 inzh., retsenzent; YERMAKOV, N.P., tekhn. red.; SARAFANNIKOVA, G.A.,
 tekhn. red.

[Reference manual for the agricultural machine operator] Spravochnik
 mekhanizatora sel'skogo khoziaistva. Pt.2. [Repair of tractors and
 agricultural machinery] Remont traktorov i sel'skokhoziaistvennykh
 mashin. Pod red. N.M. Bushueva. Moskva, Gos. nauchno-tekhn. izd-
 vo mashinostroit. lit-ry. 1957. 335 p. (MIRA 11:9)
 (Agricultural machinery—Maintenance and repair)

ZGIRSKIY, Ch.I.; GUTMAN, I.M., inzhener, retsenzents; ORLOV, N.M., dotsent;
STUDNITSYN, B.P., redaktor; DUGINA, N.A., tekhnicheskii redaktor.

[Repair of tractor parts] Vosstanovlenie detalei traktorov. Moskva,
Gos. nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry, 1954. 119 p.
(Tractors) . (MIRA 8:4)

SIDOROV, F.F.; ZGIRSKIY, Ch.I.; ANAKIN, I.A.; YERAKHTIN, D.D., kandidat
tekhnicheskikh nauk, retsenzent; SOBOLEV, L.A., inzhener, retsenzent;
BUSHUYEV, N.M., kandidat tekhnicheskikh nauk, redaktor; SHABAEV, A.P.,
kandidat tekhnicheskikh nauk, redaktor.

[Repair of agricultural machinery] Remont sel'skokhoziaistvennykh
mashin. Sverdlovsk, Gos. nauchno-tekhn. izd-vo mashinostroit. i
sudostroit. lit-ry [Uralo Sibirskoe otd-nie] 1953. 295 p. (MIRA 7:6)
(Agricultural machinery--Repairing)

ZGIRSKIY, Cheslav Iosifovich; ALEKSEYEV, G.P., inzh., red.; GUTMAN, I.M., inzh., red.; KUZ'MOV, N.T., inzh., red.; FEDOROV, N.G., kand.tekhn. nauk, red.; IGNAT'YEV, M.G., agronom, red.; PICHAK, F.I., kand. tekhn. nauk, red.; POLKANOV, I.P., kand.tekhn.nauk, red.; MARCHENKOV, I.A., tekhn. red.

[Reconditioning of tractor parts] Vosstanovlenie detalei traktorov.
Izd.2., ispr. i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry, 1960. 141 p. (MIRA 14:12)

(Tractor--Maintenance and repair)

1. ZGIRSKIY, S. I.; ARKHIPOVA, N. K.
 2. USSR (600)
 4. Afforestation - Azerbaijan
 7. Practice in shelterbelt forestry in Azerbiajan. Les. khoz. 5 no. 10: 1952.
9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

1. ZGIRSKIY, S. I. - ARKHIPOVA, N. K.
2. USSR (600)
4. Azerbaijan - Afforestation
7. Practice in shelterbelt forestry in Azerbaijan. Les. khoz . 5 no. 10, 1952
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

ZGLICYNSKI, Stefan

The electrocardiogram as a dynamic prognostic index in the course of treatment of hypothyroidism. Pol. arch. med. wewn. 33 no.2:171-176 '63.

1. Z I Katedry Chorob Wewnętrznych Studium Doskonalenia Lekarzy w Akademii Medycznej w Warszawie Kierownik: prof. dr med. W. Hartwig.
(ELECTROCARDIOGRAPHY) (HYPOTHYROIDISM) (DIAGNOSIS)
(PROGNOSIS) (THYROID HORMONES)

ZGLICZYNSKI, Leszek

Dissecting aneurysm of the aorta. Pol. przegl. radiol. 27
no.3:227-232 '63.

1. Z Zakładu Radiologii Lek. AM w Warszawie Kierownik: prof.
W. Zawadowski.

(AORTIC ANEURYSM) (THORACIC RADIOGRAPHY)

BOWKIEWICZ, Janusz; ZGLICZYNSKI, Leszek; MIERNOWSKI, Stanislaw; TOCZEK,
Stanislaw; RUDNICKI, Stanislaw; HAFTEK, Jan

Cerebral angiography in the region of the internal carotid
artery (preliminary communication). Polski przeegl.radiol.
23 no.5:283-297 S-0 '59.

1. Z Zakladu Radiologii Lekarskiej A.M. w Warszawie Kierownik:
prof. dr nauk med. W. Zawadowski i z Kliniki Neurochirurgicznej
A.M. w Warszawie Kierownik: prof. dr med. J. Chorobski.
(CEREBRAL ANGIOGRAPHY)

BOWKIEWICZ, Janusz; ZOLICZYNSKI, Leszek; NIELUBOWICZ, Jan

Abdominal aortography. Indications, technic, studies and prevention of complications. Polski przeegl.radiol. 23 no.5:299-311 S-0 '59.

1. Z Zakladu Radiologii Lekarskiej A.M. w Warszawie Kierownik: prof. dr nauk med. W. Zawadowski z I Kliniki Chirurgicznej A.M. w Warszawie Kierownik: prof. dr med. T. Butkiewicz.
(ANGIOGRAPHY)

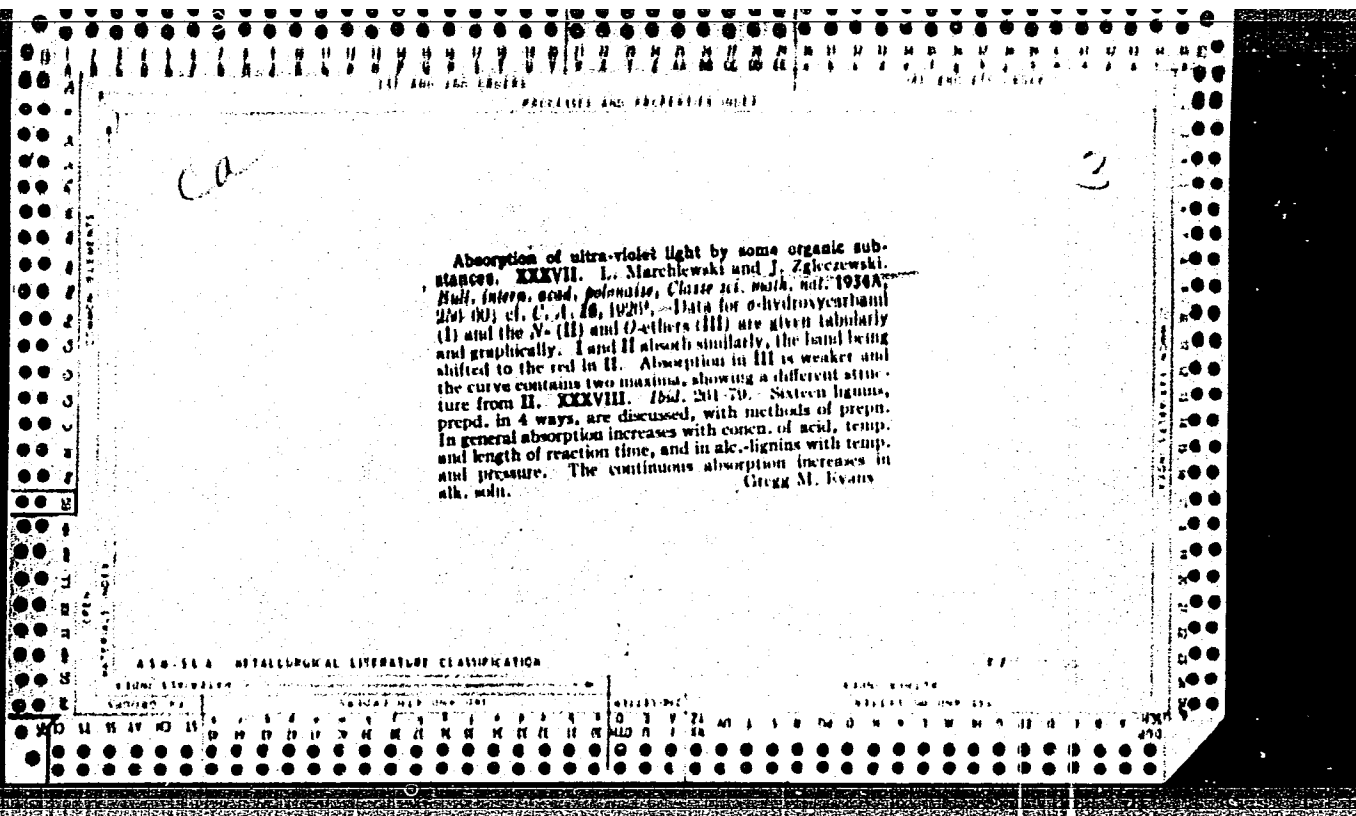
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AC

Absorption of ultra-violet light by some organic substances. XXXVII. L. MARCHELWART and J. ZALOWSKI. XXVIII. W. GONIALEWSKI and L. MARCHELWART. Diss. Acad. Polonaise, 1934, A. 186-200. 291-310. XXXVII. p-Hydroxyacetanilide and its N-Et. other show similar absorption curves, but the latter being shifted slightly towards longer wave lengths. The C.E. ether shows weaker absorption, and a different type of absorption curve, with wave max. indicating a difference in structure from the parent compound and its ether (cf. CA; 1926, 8). No pronounced shift to shorter wavelengths.

XXXVIII. Methyl-, ethyl-, amyl-, n-octyl-, methyl-meth., acetyl-, and alkyl lignins: all show strong absorption bands with max. at 2795-3635 Å. The absorption increases with increased concn. of acid used in prep. of lignin, the length of time of reaction, and rise of temp. With the alcohol-lignins it increases with rise of temp. and pressure of formation. The selective absorption is masked by acidity, but the continuous absorption is increased considerably in alkaline solution. J. W. S.

ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION
SPECIAL DIVISION
SECTION WITH OWN USE
CLASSIFIED
CLASSIFYING CODE OWN USE



ZGLICZYNSKI, J.

KOJ, A.
SURNAME (in caps); Given Name
Country: Poland
Academic Degrees: [not given]
Department of Physiological Chemistry, School of Medicine (Zaklad
Affiliation: Chemii Fizjologicznej Akademii Medycznej Krakow), Krakow; Director:
Prof. B. SKARZYNSKI, dr med
Source: Warsaw, Przegląd Lekarski, No 5, 1961, p. 217.
Data: "Metabolism of Sulphur Compounds in Human Thrombocytes: "Cysteine."
(Abstract).
Co-authors:
KREDO, J., Department of Physiological Chemistry, School of Medicine,
Krakow; Director: Prof. B. SKARZYNSKI, dr med.
ZGLICZYNSKI, J., Department of Physiological Chemistry, School of Medicine,
Krakow; Director: Prof. B. SKARZYNSKI, dr med.

BICZ,W.; KOJ,A.; ZOLICZYNSKI,J.M.

The Cartesian diver method in investigation of metabolism of the
cells. Postepy biochem 6 no.2:213-237 '60.
(TISSUE METABOLISM)

STELMASZYNSKA, Teresa; ZGLICZYNSKI, J.M.

Oxidation of cystine by hydrogen peroxide catalysed by horse-radish peroxidase. Acta biochim. pol. 10 no.4:371-378 '63.

1. Department of Physiological Chemistry, Medical School, Krakow.

(CYSTINE) (PEROXIDASES) (OXIDATION-REDUCTION)
(PLANTS) (HYDROGEN PEROXIDE)

FRENDO, J.; KOJ, A.; ZGLICZYNSKI, J.M.

Conversion of sulfur compounds in human blood platelets. Taurine synthesis. Acta biochim.polon. 6 no.3: 277-285 '59.

1. Zaklad Chemii Fizjologicznej A.M. w Krakowie. Kierownik Zakladu: prof.dr. B. Skarszynski.

(BILE ACIDS AND SALTS blood)

(BLOOD PLATELETS chem.)

KOJ, A., ZGLICZYNSKI, J.M., BICZ, W.

Effect of erythrocytes on respiration of human leukocytes. Acta
biochim.polon. 5 no.2:177-188 1958.

1. Z Zakladu Chemii Fizjologicznej A.M. w Krakowie. Kierownik
Zakladu: Prof. dr B. Skarzynski.

(ERYTHROCYTES,

eff. of erythrocytes concentration of leukocytes.

oxygen uptake (Pol))

(LEUKOCYTES, metab.

oxygen uptake, relation to erythrocyte concentration (Pol))

ZGLICZYNSKI, Leszek

KODEJSZKO, Eugeniusz; MIEDZINSKI, Franciszek; ZGLICZYNSKI, Leszek

Early diagnosis of uncomplicated syphilitic aortitis. Polskie
arch. med. wewnetrz. 23 no.5:649-658 1953.

1. Z Instytutu Dermatologii i Wenerologii. Dyrektor: dr med.
J. Suchanek oraz z Zakładu Radiologii Akademii Medycznej w Warszawie.
Kierownik: prof. W. Zawadowski.
(SYPHILIS, CARDIOVASCULAR, diagnosis,)

MANTEUFFEL, Leon, WASHNIEWSKA, Maria; ZGLICZYNSKI, Leszek; JUSTYNA, Mieczyslaw.

Successful Bialock-Taussig's operation in a 20-year-old woman.
Kardiol.polska 1 no.1-2:82-87 1954.

1. Z Oddzialu Chirurgicznego Instytut Gruzlidy. Ordynator:
doc.dr L.Manteuffel. Z Oddzialu Wewnetrznego przy Instytucie
Gruzlidy. Ordynator prof.dr A.Landau. oraz z Zakladu Radio-
logii Lekarskiej AM w Warszawie. Kierownik: prof.dr W. Zawa-
dowski.

(TETRALOGY OF FALLOT, surgery,
Bialock-Taussig's operation in adult)

HIMMEL, Andrzej; GRONIEWSKI, Janusz; KUCZYNSKI, Franciszek; ZOLICZYNSKI,
Leszek

Hemangioendothelioma of the heart. Polskie arch. med. wewn. 24 no.5:795-806 1954.

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie.
Kierownik: prof. dr med. A. Biernacki. Z Zakładu Anatomii Patologicznej
Akademii Medycznej. Kierownik: prof. dr med. L. Paszkiewicz. Z Zakładu
Radiologii Lekarskiej Akademii Medycznej. Kierownik: prof. dr med.
W. Zawadowski.

(HEMANGIOENDOTHELIOMA,
heart)

(HEART, neoplasms,
hemangioendothelioma)

ZGLICZYNSKI, Leszek

Impressions of a radiologist from the trip to Korea. Polski
przegl. radiol. 20 no.2:79-82 Mar-Apr 56.

1. Z pracowni radiologicznej Szpitala PCK w Hamhynie. Kierownik:
doc. dr. med. L. Zgliczynski, W-wa, ul. Zeromskiego 64 m. 40.
(RADIOLOGY,
in No. Korea (Pol))

ZGLICZYNSKI, Leszek; CZECHOWSKA, Zofia; Han-Kiu-Uon; BOWKIEWICA, Janusz

Paragonimiasis pulmonum; comparative studies on anatomopathological and radiological changes in experimental animals and in humans. Polski przegl. radiol. 21 no.1:51-62 Jan-Feb 57.

1. Z Zakladu Radiologii Szpitala P.C.K. w Hamhynie (K.R.L.D.)
Kierownik: doc. dr. Zgliczynski. Dyrektor: doc. T. Orlowski.
Adres: Warszawa 45, Zeromskiego 64-40.

(DISTOMIASIS,

lungs, histopathol. & x-ray changes in clin. & exper. cases (Pol))

(LUNG DISEASES,

paragonimiasis, histopathol. & x-ray changes in clin. & exper. cases (Pol))

ZGLICZYNSKI, L. (Warszawa 45, Zeromskiego 64-40)

Impressions from radiological laboratories in Stockholm, Polski
przeł. radiol. 21 no.3:159-178 May-June 57.

1. Z Zakładu Radiologii Lekarskiej A. M. w Warszawie. Kierownik:
prof dr nauk med. W. Zawadowski.
(RADIOLOGY
in Sweden (Pol))

KUCHARSKA, Maria; WERTHEIM, Tomasz; ZGLICZYNSKI, Leszek

Case of Takayasu's syndrome. Polskie arch. med. wewn. 27 no.10:1411-1416
1957.

1. Z Oddziału Wewnętrznego Instytutu Hematologii Ordynator: doc. dr med.
E. Kowalski i z Zakładu Radiologii Lekarskiej A. M. Kierownik: prof. dr
med. W. Zawadowski. Adres autora: Warszawa, Chocimska 5, Instytut Hematol-
ogii.

(AORTA, disease,
aortic arch. synd., Takayasu's type (Pol))
(ARTERITIS,
same)

PROF. OGIL-SKRZYTKOWA, Maria; EGLICZYNSKI, Leszek

Undevelopment of the lungs in children. Pediat. polska 32 no.8:
885-893 Aug 57

1. Z Kliniki Chorob Zakaznych Wieku Dziecieciego Am M. w Warszawie
Kierownik: prof. dr med. J. Bogdanowicz i z Zakladu Radiologii,
Lekarskiej A. M. w Warszawie Kierownik: prof. dr Med. W. S. Kawadowski.
Adres: Warszawa, ul. Wolaska 17.
(LUNGS, abnorm.
agenesis & hypoplasia (Pol))

EXCERPTA MEDICA Sec 18 Vol 3/4 Cardiovascular Dis. Apr 59

1126. Radiodiagnosis of the peripheral arteries with special consideration of arteriosclerosis Radiodiagnostyka tętnic obwodowych ze szczególnym uwzględnieniem miażdżycy. ZGŁICZYŃSKI L. and BOWKIEWICZ J. Zakł. Radiol. Lek. Inst. Doskonalenia i Spec. Kadr Lek., Warszawa *Pol. Arch. Med. wrenet.* 1958, 28:2 (265—275) Illus. 14

The calcification of the media and intima are often seen in plain films. It could be confirmed that obstruction of arteries is most often encountered in places where calcification is situated in the media. Thus, it can be concluded that in the pathogenesis of the arteriosclerotic clots, some mechanical factors play a part. In non-typical and early cases the differentiation between arteriosclerosis or Buerger's disease is sometimes impossible when taking into consideration X-ray symptoms only. In these cases of arteriosclerosis the decisive diagnostic factor is the narrowing of the

112-6
small arterial branches at their origin. It is difficult to decide whether the obstruction is caused by Buerger's disease or embolus. The X-ray examination gives only
(XVIII, 14)

ZGLICZYNSKI, Leszek (Warszawa 45, ul. Zeromskiego 64 m. 40.)

Seldinger's method of radiological investigations of the vascular system. Polski tygod. lek. 13 no.14:501-505 7 Apr 58

1. (Z Zakladu Radiologii Instytutu Doskonalenia i Specjalizacji Kadr Lek.; kierownik prof. W. Zawadowski)
(ANGIOGRAPHY,

Seldinger's method with polyethylene tube (Pol))

ZGLICZYNSKI, Leszek

Present state and trends of angiography. Polski przegl. radiol. 23 no.3:
169-174 May-June 59.

1. Z Zakladu Radiologii Instytutu Doskonalenia i Specjalizacji Kadr
Lekarskich w Warszawie Kierownik: prof. dr nauk med. W. Zawadowski.
(ANGIOGRAPHY
review (Pol))

BOWKIEWICZ, Janusz; ZGLICZYNSKI, Leszek; MARZINEK, Boleslaw; NIZIUBOWICZ, Jan

Technic and diagnostic possibilities of splenoportography. Polski przegl. radiol. 23 no.3:175-190 May-June 59.

1. Z Zakladu Radiologii Lekarskiej A.M. w Warszawie Kierownik: prof. dr nauk med. W. Zawadowski Z I Kliniki Chirurgicznej Akademii Medycznej w Warszawie Kierownik: prof. dr nauk med. T. Butkiewicz.

(ANGIOGLOGRAPHY,

splenoportography, technic & diag. value (Pol))

MIERNOWSKI, Stanislaw; WESOŁOWSKI, Stefan; ZGLICZYŃSKI, Leszek; BOWKIEWICZ,
Janusz; KRZESKI, Tadeusz

Phlebography of the lower vena cava (preliminary communication).
Polski przezgl.radiol. 23 no.4:251-256 J1-Ag '59.

1. Z Zakładu Radiologii Lekarskiej A. M. w Warszawie Kierownik:
prof. dr nauk med. W. Zawadowski Z Kliniki Urologicznej A.M. w
Warszawie Kierownik: prof. dr med. S. Wesolowski.
(ANGIOGRAPHY);
(VENAE CAVAE radiography)

ZGLICZYNSKI, Leszek; NOWKUNSKI, Jerzy; BOWKIEWICZ, Janusz; RUDZINSKI, Jerzy;
MIERNOWSKI, Stanislaw

Clinical application of pelvic arteriography in obstetrics and
gynecology. Polski przezgl.radiol. 23 no.6:419-426 H-D '59.

1. Z Zakladu Radiologii Lekarskiej Instytutu Doskonalenia, i
Specjalizacji Kadr Lekarskich Kierownik: prof. dr nauk med.
W. Zawadowski Z Kliniki Poloznictwa i Chorob Kobiety Instytutu
Matki i Dziecka w Warszawie Kierownik: prof. dr med. J. Lesinski.
(ANGIOGRAPHY)
(PELVIS blood supply)

RUDNICKI, Stanisław; ZGLICZYNSKI, Leszek

Diagnosis and therapy of aneurysms and arteriovenous fistulae of the brain. Neur.&c,polska 10 no.5:595-610 '60.

1. Z Kliniki Neurochirurgii A.M. w Warszawie, Kierownik: prof. dr J.Chorobski i z Zakładu Radiologii A.M. w Warszawie, kierownik: prof.dr W.Zawadowski.

(CEREBRAL ANEURYSM)
(FISTULA ARTERIOVENOUS)

MIERNOWSKI, Stanislaw; ZGLICZYNSKI, Leszek; BOWKIEWICZ, Janusz

Role of angiography in cases of tumors of the lower extremities.
Polski przezl.radiol. 24 no.5:295-303 S-O '60.

1. Z Zakladu Radiologii Lekarskiej A.M. w Warszawie, Kierownik:
prof. dr nauk med. W. Zawadowski.
(LEG neoplasms)
(ANGIOGRAPHY)

ZGLICZYNSKI, Leszek; BOWKIEWICZ, Janusz; MIERNOWSKI, Stanislaw

Arteriovenous anastomoses and fistulae. Polski tygod. lek. 16 no.47:
1804-1809 20 N '61.

1. Z Zakladu Radiologii Akademii Medycznej w Warszawie; kierownik:
prof. dr med. W. Zawadowski.

(FISTULA ARTERIOVENOUS radiog) (ANGIOGRAPHY)

NIELUBOWICZ, Jan; WYSZNACKA, Wanda; ZGLICZYNSKI, Leszek

Results in surgical therapy of portal hypertension. Polski przegl. chir. 33 no.11:1285-1298 '61.

1. Z I Kliniki Chirurgicznej AM w Warszawie Kierownik: prof. dr J. Nielubowicz z II Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik: prof. dr D. Aleksandrow i z Zakładu Radiologii AM w Warszawie Kierownik: prof. dr W. Zawadowski.

(HYPERTENSION PORTAL surg)

CHLEBUS, H.; NIELUBOWICZ, J.; RAJSZYS, R.; WYSZNACKA, W.; ZGLICZYNSKI, L.

A case of Epstein's anomaly. Pol. tyg. lek. 17 no.29:1151-1156 16
Jl '62.

1. Z II Kliniki Chorob Wewnętrznych; kierownik: prof. dr med.
D. Aleksandrow, z I Kliniki Chirurgicznej; kierownik: doc. dr
med. J. Nielubowicz i z Zakładu Radiologii Lekarskiej AM w
Warszawie; kierownik: prof. dr nauk med. W. Zawadowski.
(EBSTEIN'S ANOMALY)

ZGLICZYNSKI, L.; BOWKIEWICZ, J.

A simple device for hanging pictures on the negatoscope. Pol.
przegl. radiol. 27 no.1:97 '63.

1. Z Zakladu Radiologii AM w Warszawie Kierownik: prof. dr
W. Zawadowski i z Pracowni Radiologicznej Szpitala Bielanskiego
w Warszawie Kierownik: dr med. J. Bowkiewicz.
(EQUIPMENT AND SUPPLIES) (TECHNOLOGY, RADIOLOGIC)

ZGLICZYNSKI, Leszek; GRADOWSKA, Lilianna

Chronic pyelonephritis (radiological and clinical study). Pol.
arch. med. wewnet. 34 no.7:927-938 '64.

1. Z Zakladu Radiologii Lekarskiej Akademii Medycznej w Warszawie
(Kierownik: doc. dr. med. S.L. Zgliczynski) i z I Kliniki Chorob
Wewnetrznych Akademii Medycznej w Warszawie (p.o. Kierownika:
prof. dr. med. T. Orłowski).

NIELUBOWICZ, Jar, prof. dr.; WYSZNACKA, Wanda; ZGLICZYNSKI, Leszek, doc.dr.;
OLSZEWSKI, Waldemar, KACKI, Jan.

Surgical treatment of hypertension due to the stenosis of renal
artery. Pol. przegl. chir. 37 no.4:343-345 Ap'65.

1. Z I Kliniki Chirurgicznej Akademii Medycznej w Warszawie
(Kierownik: prof. dr. J. Nielubowicz); z II Kliniki Chorob
Wewnętrznych Akademii Medycznej w Warszawie (Kierownik: prof.
dr. D. Aleksandrow) oraz z Zakładu Radiologii Akademii Medycznej
w Warszawie (Kierownik: doc. dr. L. Zgliczynski).

ZGLICZYNSKI, Stefan; MIGDALSKA, Barbara; GASIOROWSKI, Wiktor; GOSOWSKI,
Tadeusz

Excretion of 17-hydroxycorticosteroids and 17-ketosteroids in
primary hypothyroidism. Pol. tyg. lek. 19 no.5:162-165
30 Ja '64.

1. Z I Kliniki Chorob Wewnętrznych Studium Doskonalenia
Lekarzy Akademii Medycznej w Warszawie (kierownik: prof.
dr med. W. Hartwig).

ZGLICZYNSKI, S.L.

Pathogenesis of chronic cor pulmonale. Pol. przegl. radiol.
27 no.6:461-465 '63.

1. Z Zakładu Radiologii Lek. AM w Warszawie Kierownik: doc.
S.L. Zgliczynski.

(PULMONARY HEART DISEASE)
(HYPERTENSION, PULMONARY)
(ANOXIA)

ZGLICZYNSKI, S.L.

Accelerated examination of the small intestine with the use
of karion. Pol. przegl. radiol. 27 no.4:333-337 '63.

1. Zakład Radiologii Lekarskiej AM w Warszawie Kierownik:
Doc. S.L. Zgliczynski.
(INTESTINE, SMALL) (RADIOGRAPHY) (SORBITOL)

ZGLICZYNSKI, Stefan

Circulation in thyrotoxicosis. II. Electrocardiographic symptomatology. Pol. arch. med. wewnet. 35 no.2:235-240 '65.

1. Z I Kliniki Chorob Wewnetrznych Studium Doskonalenia Lekarzy Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. W. Hartwig).

ZGLICZYNSKI, Stefan

Electrocardiogram as a prognostic dynamic index in the treatment of hyperthyroidism. Pol. arch. med. wewn. 33 no.3:287-295 '63.

1. Z I Katedry Chorob Wewnętrznych Studium Doskonalenia Lekarzy
AM w Warszawie Kierownik: prof. dr med. W. Hartwig.
(HYPERTHYROIDISM) (ELECTROCARDIOGRAPHY)
(THERAPEUTICS)

ZGLICZYNSKI, Stefan

Modern clinical interpretation of cardiac tonus. I. Polski tygod.
lek. 16 no.5:185-191 30 Ja '61.

1. Z I Katedry Chorob Wewnętrznych Studium Doskonalenia Lekarzy
w Warszawie; kierownik: prof. dr med. W.Hartwig.
(HEART physiol)

ZOLICZYNSKI, Stefan

Diagnostic and therapeutic difficulties in endocarditis
(apropos of a case). Pol. tyg. lek. 18 no.46:1729-1732
11 N'63

1. Z I Katedry Chorob Wewnetrznych Studium Doskonalenia Lekarzy w AM w Warszawie; kierownik: prof.dr.med. W.Hartwig.

*

HARTWIG, Walenty; MIGDALSKA, Barbara; ZGLICZYNSKI, Stefan.

Pituitary reserve in primary hypothyroidism. Pol. tyg. lek.
18 no.47:1756-1759
18 N°63.

1. Z I Kliniki Chorob Wewnętrznych Studium Doskonalenia Lekarzy w AM w Warszawie; kierownik: prof.dr. W.Hartwig.

*

ZGLICZYNSKI, Stefan; MIGDALSKA, Barbara

Functional conditions of the adrenal cortex in primary hypothyroidism. Pol. tyg. lek. 19 no.6:205-208 3 F'64

1. Z I Kliniki Chorob Wewnętrznych Studium Doskonalenia Lekarzy
AM w Warszawie; kierownik: prof.dr.med. Walenty Hartwig.

*

ZGLICZYNSKI, Stefan

Modern interpretation of intracardiac murmurs. II. Polski tygod.
lek. 16 no.6:222-229 6 F '61.

1. Z I Katedry Chereb Wewnetrznych Studium Doskonalenia Lekarzy w
Warszawie; kierownik: prof. dr med. W. Hartwig.

(HEART SOUNDS)

BOGUCKI, Ryszard; ZGLICZYNSKI, Stefan

Cardiac glycosides in medical practice. Polskie arch. med.
wewnetrz. 30 no.11:1405-1417 '60.

1. Z I Zakladu Chorob Wewnetrznych Studium Doskonalenia Lekarzy
Kierownik: prof. dr med. W. Hartwig.

(CARDIAC GLYCOSIDES ther)

GASIOROWSKI, Wiktor; ZGLICZYNSKI, Stefan

Coarctation of the aortic isthmus & persistence of ductus arteriosus in an adult. Polski tygod. lek. 13 no.52:2131-2134 29 Dec 58.

1. (Z Oddzialu Wewn. Instytutu Gruźlicy i I Zakładu Chorob Wewn. Studium Doskonalenia Lekarzy A. M.; kierownik: prof. dr med. Walenty Hartwig). Adres: Warszawa 45, ul. Hajoty 54.

(COARCTATION OF AORTA, case reports

with patent ductus arteriosus, in adult (Pol))

(DUCTUS ARTERIOSUS, PATENT, case reports

with coarctation of aortic isthmus, in adult (Pol))

TURSKI, Czeslaw; ZGLICZYNSKI, Stefan; KAMINSKI, Zdzislaw

Myxoma of the right auricle. Signs of right valvular stenosis and insufficiency. (Report of an operated case). Polski tygod.lek. 15 no.35:1356-1362 29 Ag '60.

1. Z Oddzialu Chorob Wewnetrznych; kierownik: prof. dr med. Walenty Hartwig, z Oddzialu Chirurgicznego; kierownik; prof. dr med. Leon Manteuffel i z Zakladu Anatomii Patologicznej; kierownik: prof. dr med. Stefania Chodkowska, Instytutu Gruzlicy w Warszawie; dyrektor Instytutu: prof. dr med. Wlawa Jaroszewicz
(HEART neoplasms)
(MYXOMA case reports)

ZGLICZYNSKI, Stefan

Clinical classification of hyperthyroidism. Pol. arch. med.
wewnet. 34 no.8:1055-1060 '64.

1. Z I Kliniki Chorob Wewnętrznych Studium Doskonalenia Lekarzy
Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. W.
Hartwig).

ZGLICZYNSKI, Stefan

The circulatory system and hyperthyroidism. I. Clinical and radiological symptomatology. Pol. arch. med. wewnet. 34 no.8: 1023-1030 '64.

1. Z Kliniki Chorob Wewnętrznych Studium Doskonalenia Lekarzy w Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. W. Hartwig).

ZGLICZYNSKI, Stefan

Significance of electrocardiographic changes in hyperthyroidism.
Pol. tyg. lek. 20 no.14:506-509 5 Ap '65.

1. Z I Kliniki Chorob Wewnętrznych Studium Doskonalenia Lekarzy
w AM w Warszawie (Kierownik: prof. dr. med. W. Hartwig).

ZGUT, Jan, inz.

Use of insulated collecting bars in distribution and transformation stations. Energetika.Cz 14 no.11:562-563 N '64.

1. Stredoslovenske energeticke zavody National Enterprise, Zilina.

SENIOW, St.; ZOLICZYNSKI, S.L.

A case of arterial hypertension following arteriosclerosis of the renal artery. Pol. tyg. lek. 22 no.23:917-921 4 Je '62.

1. Z III Kliniki Chorob Wewnętrznych AM w Warszawie; kierownik: prof. dr E. Kodejszko i Zakładu Radiologii AM w Warszawie; kierownik: prof. dr nauk med. W. Zawadowski.

(HYPERTENSION RENAL etiol) (ARTERIOSCLEROSIS compl)
(RENAL ARTERY dis)

ZGLICZYNSKI, S.L.; ORLOWSKA, K.

Roentgenodiagnosis of chronic cor pulmonale. Pol. przegl.
radiol. 27 no.6:467-473 '63.

1. Z Zakładu Radiologii Lekarskiej AM w Warszawie Kierownik:
doc. dr med. S.L. Zgliczynski i z III Kliniki Chorob Wewnętrznych
AM w Warszawie Kierownik: prof. dr med. E. Kodejszko.
(PULMONARY HEART DISEASE)
(THORACIC RADIOGRAPHY)

ZGLICZYNSKI, S.L.

A device for ureteral compression in urography. Pol. przegl. radiol. 27 no.6:501-510 '63.

1. Z Zakladu Radiologii Lekarskiej AM w Warszawie Kierownik:
doc. dr med. S.L. Zgliczynski.
(UROGRAPHY) (URETER) (EQUIPMENT AND SUPPLIES)

ZGLICZYNSKI, S.L.; BENENDO-KAPUSCINSKA, B.

Radiographic examination in the diagnosis of renal hypertension.
Pol. arch. med. wewn. 35 no.6:755-760 '65.

ZGLICZYNSKI, Szczesny Leszek; SZYMANSKA, Danuta

Experimental comparative studies on clinical value and on effects on internal organs of domestic and foreign contrast media used in roentgenodiagnosis. Postepy radiol. Vol.1:125-141 1954.

1. Z Instytutu Doskonalenia i Specjalizacji Kard Lekarskich.
Dyrektor; prof. dr. med. M.Kacprzak z Zakladu Radiologii. Lekarskiej
A.M. w Warszawie. Kierownik: prof. dr. med. W. Zawadowski. i z
Zakladu Anatomii patologicznej A.M.w Warszawie. Kierownik: prof. dr.
med. L. Paszkiewicz.

(CONTRAST MEDIA

comparison of Polish & foreign prod.)

ROWINSKA, Ewa; LACHOWICZ, Danuta; NIEMIROWSKA, Hanna; WLODAREZYK, Krystyna;
STRZALKOWSKI, Jerzy; ZGLINSKA, Barbara

Evaluation of socio-epidemiological conditions and clinical aid
to tuberculous patients deceased in Warsaw in 1959. Gruzlica 29
no.7:609-620 J1 '61.

1. Z Instytutu Gruzielcy dyrektor: prof. dr med. W. Jaroszewicz.

(TUBERCULOSIS sociol)

Z GLIZCYŃSKI S.L.

Excerpta Medica Sec. 6 Internal Medicine Vol. 9/5 May 55

2977. ZGLIZCYŃSKI S. L. and NOWOTNA-WALCOWA R. Zakład radiol. Lek., Akad. med., Warszawa, III Klin. Chorób wewnętrznych Akad. med., Warszawa.
*Pryzpadek wrodzonego rozszerzenia łuku i zstępującej części tętnicy głównej.
Congenital dilatation of the arch and descending part of the aorta. Case report POL. ARCH. MED. WEWNĘT. 1954, 24/2 (209-212) Illus. 3

ZGLICZYNSKI, Szczesny Leszek.

Radiologic picture of intraspinal tumors based on 57 cases
of surgical verification. Postepy radiol.Vol.1:84-95 1954.

1. Z Zakladu Radiologii Lekarskiej A.M. w Warszawie. Kierownik:
prof.dr med. W. Zawadowski i z Kliniki Neurochirurgicznej A.M.
w Warszawie. Kierownik: prof. dr med. J.Chorobski.

(SPINE, neoplasms,
x-ray, surg.verification)

ZGLICZYNSKI, Szozesny Leszek; NOWOTNA-WALCOWA, Roza

Case of congenital dilatation of the arch of the descending aorta.
Polskie arch. med. wewnetrz. 24 no.2:209-212 1954.

1. Z Zakladu Radiologii Lekarskiej Akademii Medycznej w Warszawie
Kierownik: prof. dr W.Zawadowski. 1 z III Kliniki Chorob Wewnetrznych
Akademii Medycznej w Warszawie. Kierownik: prof. dr J.R.Wegierko.

(AORTA, abnormalities,
dilat. of arch)
(ABNORMALITIES,
dilat of aortic arch)

P/035/60/000/019/004/004
A076/A026

AUTHOR: Zglinicki, Stanisław, Master of Engineering

TITLE: On the Modernization of the Foundry in the Poznań "Pomet" Plant

PERIODICAL: Przegląd Mechaniczny, 1960, No. 19 - 20, pp. 596 - 599

TEXT: The author generally describes the history of the Zakłady Metalurgiczne "Pomet" (Metallurgical Plant "Pomet") in Poznań, which was merged with the Zakłady Przemysłu Metalowego H. Cegielski (Metal Industry Plant H. Cegielski) in Poznań, in 1952. Since then all production sections of this plant were modernized and expanded. A new modern molding section, cast iron foundry and gas producing stations were built and at present further expansion and modernization of the cast iron foundry and mechanical machining section are underway. The cast iron foundry is adapted for production of 7,000 kg castings machined either manually or mechanically. Further, an additional section producing castings of non-ferrous metal, equipped with three smelting furnaces capable of taking a 300-kg charge each, and fueled with industrial gas is a part of the foundry. In 1959, a project for modernization of the foundry was approved and will be completed by 1965. Further, the author describes the production process of cast iron, its compounds and the opera-

Card 1/2

P/035/60/000/019/004/004 \ /
A076/A026

On the Modernization of the Foundry in the Poznań "Pomet" Plant

tional process of auxiliary equipment. There are 4 figures and 3 photographs.

ASSOCIATION: Zakłady Metalurgiczne "Pomet", Poznań (Metallurgical Plant "Pomet", Poznań)

Card 2/2

ROWINSKA, Ega; LACHOWICZ, Danuta; NIEMIROWSKA, Hanna; DOBRUCKI, Ryszard;
JAROSINSKA, Boguslawa; PIOTROWSKI, Andrzej; STRZALKOWSKI, Jerzy;
WLODARCZYK, Krystyna; ZGLINSKA, Barbara

Causes of mortality among tuberculous patients and causes of unfavorable
course in tuberculosis (according to data on the mortality of Warsaw
inhabitants during 1959). Gruzlica 29 no.9:785-796 S '61.

1. Z Instytutu Gruzlicy w Warszawie Dyrektor: prof. dr med.
W. Jaroszewicz.

(TUBERCULOSIS statist)

USSR/Cultivated Plants. Technical Plants. Oil and II
Sugar Bearing Plants.

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68262

Author : Zglinskaya, N. L.

Inst : -

Title : The Influence of Grasses on the Effectiveness
of Phosphorous Fertilizers Applied to Cotton.

Orig Pub : Sots. s. kh. Uzbekistana, 1956, No 10, 55-58

Abstract : The experiment was carried out in flower pots
in which a base had been created for two years
and which included lucerne, ryegrass, and cot-
ton. Following this operation, cotton was sown
on all the bases. In one variant of the experi-
ment, no fertilizer was added, in the second va-
riant, P was added, and in the third variant, P
and N were added. Observations demonstrated that

Card : 1/2

USSR/Cultivated Plants. Technical Plants. Oil and M
Sugar Bearing Plants.

Abs Jour : Ref Zhur-Biol., No 15, 1956, 68262

gramineous grasses growing together with pulses, influence the N and P regimes by increasing the labile P. When P and N were added to a lucerne base, the yield of raw cotton was increased by 44.1 percent, and when it was added to a rye base, it only increased by 6.8 percent. The effectiveness of N is more sharply expressed on ryegrass and more weakly on lucerne. The effectiveness of nitrogen fertilizers is expressed to a greater degree on a bed of mixed grasses. In a lucerne cover rotation, the effect of P on cotton yields is higher than in a mixed grass rotation. -- N. N. Konstantinov

Card : 2/2

111

POLAK, Stanislaw, dr inz.; ZGLOBICA, Tadeusz, mgr inz.

Preliminary results of studies on the influence of city sewage irrigation on the yield of meadows. Gosp wodna 23 no.4:136-139 Ap '63.

1. Katedra Melioracji Rolnych i Lesnych, Wyzsza Szkola Rolnicza,
Krakow.

ZGLUCZYNSKI, Stefan

Athrombocytomia and hypofibrinogenemia during the course of acute
miliary tuberculosis. Polski tygod. lek. 15 no.27:1034-1037
4 J1 '60.

1. Z Oddzialu Chorob Wewnetrznych Instytutu Gruzlicy i I Zakladu
Chorob Wewnetrznych Studium Doskonalenia Lekarzy w Warszawie;
kierownik: prof. dr med. W.Hartwig

(AFIBRINOGENEMIA compl)

(BLOOD PLATELETS)

(TUBERCULOSIS MILIARY compl)

ZCONIK, M.

Some aspects of the grading of students in geography. (To be contd.) p. 15.

Periodical: GEOGRAFSKI OBZORNIK.

GEOGRAPHY & GEOLOGY

Vol. 5, no. 2, 1958.

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Uncl.

ZOONIK, M.

Some aspects of the grading of students in geography. p. 19.

Periodical: GEOGRAFSKI OBZORNIK.

GEOGRAPHY & GEOLOGY

Vol. 5, no. 3, 1958.

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Uncl.

ZUCNIK, R.

The Drava River as a source of water power. p. 147

GEODRAFSKI VEŠNIK vol. 26, 1954

Yugoslavia

so.

EAST EUROPEAN ACQUISITIONS LIST

vol. 5, no. 10

Oct. 1956

ZEMELJE, P.

Z avtom do Slovenii (Through Slovenia by Car); a criticist. p.210

GEODRAFSKI VESTNIK vol. 26, 1954

Yugoslavia

so. EAST EUROPEAN REPRESSIONS LIST vol. 5, no. 10 Oct. 1956

ZGONIK, M.

Using maps in school and at home. p. 12; GEOGRAFSKI OBZORNIK. (Geografsko društvo Slovenije) Ljubljana; Vol. 2, no. 4, 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress,
Vol. 5, No. 12, December 1956.

ZGONIK, Mavricij

The Drava River near Maribor as hydroenergetic source. Geogr 1b2 8
no. 3/4:83-86 '61.

ZGONIK, Mavricij

Maribor, the center of the Slovenian Podravje region. Geogr obz 8
no. 3/4:73-75 '61.

COMMON ELEMENTS		PROCEDURE AND PROPERTIES INDEX		SPECIAL ELEMENTS	
C		<p>Some characteristics of porcelain for high-voltage insulators made by the Artem plant. N. P. ZAGONNIK. <i>Keram. Sbornik</i>, 1939, No. 5, pp. 39-45; <i>Chem. Zvesti</i>, 1941, 11, 250; <i>Chem. Abstracts</i>, 36, 1855 (1944).—High-voltage insulators were tested in the laboratory and under working conditions. The test bodies were made from a finely ground mix containing Karelian feldspar 32.10, porcelain scrap 10.00, silica sand 10.00, clay 10.00, kaolin 11.17, and another type kaolin 11.67%. The glaze consisted of kaolin 3, clay 5, porcelain scrap 27, quartz 24, Karelian feldspar 20, dolomite 8, MnO₂ 2.5, and calcite 1%. The results are as follows: (1) Increased firing temperature increased the electrical resistance from 0.4 to 23.1 kv./sq. mm. (2) Mechanical strength decreased and varied between 2000 and 3000 lb./sq. in. for tensile strength, between 3840 and 8000 lb./sq. in. for bending strength, and between 22 and 24 lb./sq. in. for impact strength. (3) Density decreased with increased temperature to 2.4008 to 2.4265. (4) Porosity increased from 2.82 to 4.07%. (5) The size of the pores ranged from <5μ up to 40 to 60μ.</p>			
ASH-51A METALLURGICAL LITERATURE CLASSIFICATION		SPECIAL INDEX		SPECIAL INDEX	
SPECIAL INDEX		SPECIAL INDEX		SPECIAL INDEX	

CA

Deformation of ceramic bodies on heating and cooling.
N. P. Zgonnik. *Keram. Zhurnik* No. 6, 63-66 (1940).
The character of deformation curves occurring on cooling
porcelain and grog bodies and their components (kaolin
and clay) depends basically on the properties of the mix,
while the magnitude of the deformation depends on the
temp. of firing and its variations. The increasing deforma-
tion at temps. 550-600° is due to the allotropic transfor-
mation of quartz. With increased quartz content and
lowering of the firing temp., deformation increases sharply.
M. V. Condoide

19

13

1ST AND 2ND CROSS

PROCESSES AND PROPERTIES INDEX

OA

Suitable conditions for firing carbon brushes. N. P. Zgonnik, *Vostok Elektrom.* 12, No. 6, 11-15(1941); *Chem. Zvez.* 1942, 11, 2351; cf. C. A. 35, 1955¹.—The time required for firing C brushes is 20-24 hrs., depending upon their compn. They can be heated rapidly to 200-300° to drive out volatile constituents, then gradually to 520-540° over a period of 10-20 hrs. They are then heated to 700° at a moderate rate. To insure uniform firing the brushes must be held at const. temperature for a short period of time at each of the 3 temps. given. The brushes are fired in a crucible covered with a layer of C to obtain a reducing or neutral atm.

R. C. Larsen

ALN-34A METALLURGICAL LITERATURE CLASSIFICATION

100 AND CROSS

RELATIONS

ZGONNIK, N.P.

Zgonnik, N.P. "Ceramic batches for abrasive articles in place of raw material," Trudy Keram. in-ta, symposium 21, 1948, p. 33-36

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

Bond structure in abrasive corundum shapes. N. P. ZHONNIK. Doklady Akad. Nauk S.S.S.R., 61 (1) 95-98 (1948). The effect of firing temperature and structure of bond on the hardness and rupture resistance of abrasive corundum shapes was investigated with five glass compositions. As the firing temperature rises from 1100° to 1400°C, the hardness and mechanical strength increase to a maximum and then drop sharply. For all samples with one bond it was possible to obtain a fixed bond structure by cooling at the rate of 180°/hr., regardless of the firing temperature. A structure of glass with very fine mineral formations was obtained for bonds of the following compositions: (a) SiO_2 46.00, Al_2O_3 34.04, Fe_2O_3 0.23, CaO 2.30, MgO 2.50, K_2O 7.52, and Na_2O 0.48%; (b) SiO_2 61.78, TiO_2 0.55, Al_2O_3 21.93, Fe_2O_3 3.32, CaO 0.85, MgO 3.44, and $\text{K}_2\text{O} + \text{Na}_2\text{O}$ 7.64%; (c) SiO_2 69.04, TiO_2 0.05, Al_2O_3 11.25, Fe_2O_3 5.77, CaO 3.80, MgO 1.52, K_2O 3.78, and Na_2O 0.80%. For the bond (d) consisting of SiO_2 61.53, TiO_2 0.93, Al_2O_3 10.68, Fe_2O_3 0.90, CaO 0.85, MgO 0.32, and Na_2O 18.00% the structure was, in all cases, glass. For the bond (e) consisting of SiO_2 72.30, Al_2O_3 8.50, Fe_2O_3 1.47, CaO 0.91, MgO 5.00, K_2O 4.70, and Na_2O 0.70% the structure was glass with mineral formations of spinel ($\text{MgO} \cdot \text{Al}_2\text{O}_3$) on the surface of the corundum grains. The amount of glass bond in the body increased by the solution in the bond of Al_2O_3 from the corundum and its admixtures; this process was completed, as a whole, before 1150°. Despite the fixed structure of the bonds and the very

slight change in their amounts and chemical compositions during the interval 1150° to 1350°, the mechanical properties of the abrasives varied substantially and, in some cases, were decreased or increased twofold or more. These variations of the mechanical properties are ascribed more to changes in viscosity than to changes in amounts or chemical composition of the bonds. In corundum bodies the bonds a, b, and c crystallize with difficulty and partly produce on the surface of the corundum grains fine (4 to 6 μ) crystals of spinel ($\text{MgO} \cdot \text{Al}_2\text{O}_3$) or of corundum and rarely of mullite; their structure during the cooling process cannot be regulated. Bonds c and d crystallize easily in the abrasive bodies, and during the cooling process these can be obtained in the vitreous state and more or less in the crystallized state. The mechanical strength increased in the direction of vitrification. A completely fine-crystalline or partly coarse-crystalline structure of the bond outside the zone of contact with the grain (caused by the formation of nepheline, anorthite, and yellow Fe- and Ti-containing mineral) caused a sharp drop in mechanical strength of the abrasive shapes but had practically no effect upon their hardness.

H. Z. K.

16

Method of Investigation of Temperature Distribution in the Working Space of Furnaces. (In Russian.) N. E. Zgonnik. *Ogneupory* (Refractories), Jan. 1949, p. 28-30.

Reviews different methods for the above, such as pyrometric cones, differential thermocouples, and an indirect method based on contraction of certain ceramic materials during baking. The last method is particularly recommended for temperatures of 1150-1550°C.

ZGONNIK, N. P.

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
PROCESSES AND PROPERTIES INDEX																													
<p>Construction and use of laboratory name and electric furnaces. N. P. ZGONNIK. Ogneupory, 14 [3] 110-21 (1919).—The following furnace installations constructed by Z. and used in laboratory practice are described with the aid of cross-sectional diagrams: (1) flame furnace of 0.035-m.³ capacity having a maximum temperature of 1600°C., (2) flame furnace for use up to 1720°, (3) rectangular electric furnace for use up to 1350°, and (4) cascade electric furnace for use up to 1400° with different furnace atmospheres. B.Z.K.</p>																													

1ST AND 2ND COPIES										1ST AND 2ND COPIES									
PROCESSING AND PROPERTIES INDEX																			
11 - 11 - 49																			
<p>Canalization of the bottoms of periodic kilns. N. P. ZAGONNIK. <i>Ogneupory</i>, 14 (6) 260-62 (1949).-- Experience has shown that the minimum cross section of the openings in the bottom of a periodic kiln that will assure optimum temperature distribution and most economical operation is below 2% of the area of the bottom. A diagram shows the distribution of openings in the bottom of a round periodic kiln and the ratios Z/F (total cross section of openings/area of bottom serviced by these openings) which will result in satisfactory distribution of temperatures in the kiln. H.Z.K.</p>																			
<p>ASIA-ILA METALLURGICAL LITERATURE CLASSIFICATION</p>																			
1ST AND 2ND COPIES										1ST AND 2ND COPIES									

ZGONNIK, N.P.G.

30328

Prichinkah obrazovaniya vzdutiy s trennymi vkluchyen'yamiv farforovom chyeryepkye.
Trudy Kyeram. in-ta, vyp. 22, 1949, s. 51-55

SO: LETOPIS' No. 34

0

HEAT TRANSFER IN TUNNEL KILNS. Zgonik, M.P. (Ogneupory (Refractories) 1951, vol. 16, (4)
147-152; abstr. in J. Amer. Ceram. Soc., Feb. 1952, vol. 35, ~~Abstract~~ Ceram. Abstr., 30).
The author determines the conditions of heat transfer, coefficient of heat transfer
from gases to 200 to 900 mm abrasive wheels in a preheating zone, and the temperature
gradient between air and setting in the cooling zone of tunnel kilns.

ZGONNIK, N. P.

✓ 24 10/10/1944
10/10/1944

ZGONNIK, N. P.

USSR/Chemical Technology - Chemical Products and Their Application. Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62343

Author: Zgonnik, N. P.

Institution: None

Title: Concerning the Problem of Thermal Treatment of Abrasive Grain of
Standard Synthetic Corundum

Original

Periodical: Abrazivy, 1955, No 14, 22-28

Abstract: In Germany, Italy and America firing of abrasive grain of electro-corundum is carried out in oxidative atmosphere, in furnaces of various designs, at 700-1,400° for 1-2.5 hours. In the abrasives industry of USSR precise operating conditions of the grain firing have not been worked out. Laboratory experiments of calcination of standard electro-corundum grain produced at 3 plants, of grain size 24, 46, 80 and 100, containing 88.5-95% Al_2O_3 and of anomalous expansion 1.60-3.97% have established the following: (a) anomalous

Card 1/3

USSR/Chemical Technology - Chemical Products and Their Application. Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62343

Abstract: expansion is fully eliminated at calcination temperature of 1,000-1,100° and takes place more rapidly with lesser extent of reduction during fusion and with decrease in grain size (grain No 100 requires calcination for 4 minutes, grain No 24 for one hour); (b) stability in weight indicates thoroughness of calcination; calcination of grains of different size causes adhesion of small grains to the large which indicates the necessity of separate calcination of grain by numbers; (c) the grain should be thoroughly demagnetized prior to calcination; after calcination shape of grain must be adjusted (to increase strength of abrasive articles). Experiments on firing in oxidative atmosphere of an industrial revolving furnace (16.5 m long and 1.14 m in diameter) with cooling unit, at a rate of 1,200 kg/hour, using grain 36 + 100 with moisture content 18-20% (and anomalous increase 1.75-3.60%) have shown that duration of thermal treatment of 90 minutes (with specific expenditure of 0.12 kg nominal fuel per kg of grain) which fully eliminates anomalous expansion, increases microhardness by 13.5%, mechanical strength by 10%, abrasive power by 3%, capillarity by 3.5 times. Magnetic fraction

Card 2/3

USSR/Chemical Technology - Chemical Products and Their Application. Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62343

Abstract: content is increased by 0.4%, Fe oxide content by 0.1-0.3%. The grain (brown before calcination) becomes pink. Mechanized strength of abrasive articles from the calcined grain is 1.5 times higher than that of articles made from uncalcined grain. Abrasive wheels made from uncalcined grain with dextrin yielded after firing 100% rejects, those with silicate 40% rejects. Wheels made from calcined grain with dextrin or silicate yielded no rejects.

Card 3/3

ZGONNIK, N.P.

Improving furnaces for calcinating pottery. Stek. 1 ker. 18
no. 1:27-28 Ja '61. (MIRA 14:1)
(Pottery) (Kilns)

ZGONNIK, N.P.; PLYATT, Sh.N.

Heat conductivity in comundum products. Ogneupory 18 no.6:265-273

Je '53.

(MIRA 11:10)

(Heat--Conduction) (Corundum--Thermal properties)

ZGONNIK, V.M., inzh.; KAKUYEVITSKIY, V.A., kand.tekhn.nauk; SILKIN, A.S., inzh.;
TIMOFEEVA, I.I., inzh. . .

Reconditioning of cemented parts by multiple-impulse built-up welding.
Svar. proizv. no.4:15-17 Ap '61. (MIRA 14:3)

1. Ukrainskiy dorozhno-transportnyy nauchno-issledovatel'skiy institut.
(Electric welding) (Machinery—Maintenance and repair)

S/135/61/000/004/003/012
A006/A101

AUTHORS: Zgonnik, V. M., Engineer, Kakuyevitskiy, V. A., Candidate of Technical Sciences, Silkin, A. S., and Timofeyeva, I. I., Engineers

TITLE: Reconditioning of Carburized Parts by Electric-Pulse Building-Up

PERIODICAL: Svaroshnoye proizvodstvo, 1961, No. 4, pp. 15 - 17

TEXT: Electric-pulse (vibro-arc) building-up in a liquid jet came into extended use for the reconditioning of worn-out parts. However, nonuniform hardness of built-up surfaces and considerable reduction of fatigue strength restrict the effectiveness of the method. The Ukrainian dorozhno-transportnyy nauchno-issledovatel'skiy institut (Scientific Research Institute of Roads and Transportation) together with the Kiyev avtoremontnyy zavod No. 1 (Automobile Repair Plant No. 1) carried out an investigation to select the proper technological variant for repairing a Cardan shaft crosspiece by electric-pulse building-up assuring the necessary service properties of the part. The following technology was employed: grinding of the cross-pieces for building up to 21.4^{+0.1} mm diameter; building up to 23 - 23.5 mm diameter; grinding to rated dimensions (22^{+0.008} mm). The thickness of the built-up layer after mechanical treatment was 0.3 - 0.35 mm. Build-

Card 16